

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address, and citizenship are as stated next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled

LEAD-FREE SOLDER AND SOLDERED ARTICLE

the specification of which

- (Check one)
- ☐ is attached hereto.
- ☒ was filed on April 29, 2005 as patent application Serial No. 10/533,288 and was amended on April 29, 2005 (if any).
- ☐ was filed on _____ as PCT International Application No. _____ and was amended under PCT Article 19 on _____ (if any).

I have reviewed and understand the contents of the specification identified above, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to the examination of the patent application identified above in accordance with 37 CFR §1.56(a).

I claim foreign priority benefits pursuant to 35 U.S.C. §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application from which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

Japan 2002-317121 31 OCT 2002
(Country) (Number) (Day/Month/Year Filed)

Yes ☒ No ☐

(Country) (Number) (Day/Month/Year Filed)

Yes ☐ No ☐

I claim the benefit pursuant to 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

Application Serial No. Filing Date

Application Serial No. Filing Date

I claim the benefit pursuant to 35 U.S.C. §120 of any United States patent application(s) listed below and, insofar as the subject matter of each of the claims of this patent application is not disclosed in the prior United States patent application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) effective between the filing date of the prior patent application(s) and the national or PCT international filing date of this patent application:

Application Serial No. Filing Date Status (Pat./Pend./Aban.)

Application Serial No. Filing Date Status (Pat./Pend./Aban.)

I appoint:

Michael Tobias, Reg. 32948
Customer No. 27649

my attorney with full power of substitution and revocation to prosecute my application for Letters Patent identified above and to transact all business in the Patent and Trademark Office connected with that patent application.

I authorize my attorney to accept and follow instructions from S. Hirose and Associates regarding any matter related to the preparation, examination, grant, and maintenance of the application identified above, any continuation, continuation-in-part, or divisional based on the patent application identified above, and any patent issuing from that patent application, until I or my assigns withdraw this authorization in writing.

I direct that correspondence concerning this application be sent to Michael Tobias, #40, 1717 K Street N.W., Suite 613, Washington, D.C. 20036, telephone (301) 587-6541.

I declare that all statements made here based on my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the patent application identified above or any patent issuing from the patent application identified above.

1-0 Full name of sole or first inventor: Masahiko HIRATA

Inventor's signature Masahiko Hirata

Date October 11, 2005

Residence: Kashiba-shi, Nara

Citizenship: Japan

Post Office Address: 538-12, Kamata, Kashiba-shi, Nara 639-0227 Japan

2-0 Full name of second joint inventor, if any: Hisahiko YOSHIDA

Inventor's signature Hisahiko Yoshida

Date October 11, 2005

Residence: Ibaraki-shi, Osaka

Citizenship: Japan

Post Office Address: 21-27, Nishigawara 2-chome, Ibaraki-shi, Osaka 567-0023 Japan

3-0 Full name of third joint inventor, if any: Takashi NAGASHIMA

Inventor's signature Takashi Nagashima

Date October 11, 2005

Residence: Kyoto-shi, Kyoto

Citizenship: Japan

Post Office Address: 569-1-609, Hishikawacho, Hazukashi, Fushimi-ku, Kyoto-shi, Kyoto 612-8487 Japan

[X] Additional inventors are being named on separately numbered sheets attached hereto.

Full name of fourth joint inventor, if any: Toshihiko TAGUCHI

Inventor's signature _____

Date _____

Residence: Kitakatsushika-gun, Saitama

Citizenship: Japan

Post Office Address: 378-14, Oaza Ohbusuma, Showamachi, Kitakatsushika-gun,
Saitama 344-0116 Japan

Full name of fifth joint inventor, if any: Yoshitaka TOYODA

Inventor's signature _____

Date _____

Residence: Satte-shi, Saitama

Citizenship: Japan

Post Office Address: 4-16-21, Kahinata, Satte-shi, Saitama 340-0164 Japan

Full name of sixth joint inventor, if any: Tsukasa OHNISHI

Inventor's signature _____

Date _____

Residence: Souka-shi, Saitama

Citizenship: Japan

Post Office Address: 405, Yatsukacho, Souka-shi, Saitama 340-0023 Japan

Full name of seventh joint inventor, if any:

Inventor's signature _____

Date _____

Residence:

Citizenship: Japan

Post Office Address:

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Yes X No

(Country) (Number) (Day/Month/Year Filed)

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Application Serial No. Filing Date

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Full name of sole or first inventor: Masahiko HIRATA

Inventor's signature _____

Date _____

Residence: Kashiba-shi, Nara

Citizenship: Japan

Post Office Address: 538-12, Kamata, Kashiba-shi, Nara 639-0227 Japan

Full name of second joint inventor, if any: Hisahiko YOSHIDA

Inventor's signature _____

Date _____

Residence: Ibaraki-shi, Osaka

Citizenship: Japan

Post Office Address: 21-27, Nishigawara 2-chome, Ibaraki-shi, Osaka 567-0023 Japan

Full name of third joint inventor, if any: Takashi NAGASHIMA

Inventor's signature _____

Date _____

Residence: Kyoto-shi, Kyoto

Citizenship: Japan

Post Office Address: 569-1-609, Hishikawacho, Hazukashi, Fushimi-ku, Kyoto-shi,
Kyoto 612-8487 Japan

☒ Additional inventors are being named on separately numbered sheets attached hereto.

400

Full name of fourth joint inventor, if any: Toshihiko TAGUCHI

Inventor's signature Toshihiko Taguchi

Date 02. Oct. 2005

Residence: Kitakatsushika-gun, Saitama

Citizenship: Japan

JPK

Post Office Address: 378-14, Oaza Ohbusuma, Showamachi, Kitakatsushika-gun, Saitama 344-0116 Japan

500

Full name of fifth joint inventor, if any: Yoshitaka TOYODA

Inventor's signature Yoshitaka Toyoda

Date 03. Oct. 2005

Residence: Satte-shi, Saitama

Citizenship: Japan

JPK

Post Office Address: 4-16-21, Kahinata, Satte-shi, Saitama 340-0164 Japan

600

Full name of sixth joint inventor, if any: Tsukasa OHNISHI

Inventor's signature ~~04. Oct 2005~~ Tsukasa Ohnishi

Date 04. Oct 2005

Residence: Souka-shi, Saitama

Citizenship: Japan

JPK

Post Office Address: 405, Yatsukacho, Souka-shi, Saitama 340-0023 Japan

Full name of seventh joint inventor, if any:

Inventor's signature _____

Date _____

Residence:

Citizenship: Japan

Post Office Address: